G. R. S. IX-5]

Previous references.

P.

D

File No. 56-21

Serial Nos. 142

1921

(C. B.)

Later references.

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GENERAL AND REVENUE SECRETARIAT

Serial Nos. two

Part B for September 1921.

SUBJECT

Request of Mr. V. Rangaswamy Iyengar retired Director of Industries & Commerce for the grant of the special rate of pension

(2) Mr. V. Rangaswamy Iyengar Bangalore

No 1367 dt 3-9-21

Intimates that no special pension can be granted as prayed for

WD 1888—GPB—16,826—23-7-21.

BS 7/9/

183

G. R. S. III-2.

General and Revenue Secretariat. | C. B File No. 56 of 1921.

Serial No.

From V. Rangasamy Iyengar Esqre
Retd. Director of Industries & Commerce

Letter dd. 16th July 1921.

Gives a statement of services under the Govt, states that Spl. pension of Rs 6,000/- has been sanctioned to Messrs C. T. Dalal, V. H. Karve, D. Sitaramarao, Y. Srinivasa Rao, B. Subba Rao & K Krishna Iyengar and requests that he may also be given an enhanced pension of Rs6000 like them in appreciation of his services.

1 Mr. Rangasamy Iyengar joined service on 20.8.1894 & was permitted to retire from it from 18th July 1921. He has thus put in 26 years & 10 months total services which subject to the Comptroller's verification may be taken as qualifying.

Mr. R. Iyengar has been the Head of the Dept of the Industries & Commerce Dept from the year, 1916 and was a Supdg Engineer in the State P.W.D. prior to this appointment. Messrs Dalal, Karve, Sitarama Rao & Srinivasa Rao were only Supdg Engrs at the time of retirement & Messrs B. Subba Rao & Krishna Iyengar were Chief Engineers of Krishnarajasagar works.

Sub: for orders.

18/7/1921

Chief Sec.

18/7/21.

may be considered along with the case of Mr M.S. Rama Rao

Dewan)

29/7/21

Yes

30.7.21

Yes

NOTE—Contn. sheet.

Key nos are ready in record in connection with Mr M. G. Ramarao's case

Peel

2-8-21

(2)

(For Disposal at a Meeting)

No. C. 56

.....1921-22

GENERAL AND REVENUE SECRETARIAT.

Council Matter.

SUBJECT.

(Clauses ~~xxx~~ xiii & xxvii of the schedule)

Request of Mr.V.Rangaswami Iyengar, retired Director of Industries & Commerce for the grant of the special rate of pension.

CIRCULATED TO THE MEMBERS OF COUNCIL.

By Order;

Offg. *Chief Secretary to Government.*

..... 1st August ...19..21.

Extraordinary Member of Council. 6.8.21.

769-36/1.8.21. **First Member of Council.** recorded 2.8.21

896/2.8.21 **Second Member of Council.** 3/8

Third Member of Council.

Subject. -

Request of Mr. V. Rangaswami Iyengar, retired Director of Industries and Commerce, for the special rate of pension.

OPINION OF THE COUNCIL.

4/8

Extract from the Proceedings of the 578th *Meeting of the Council of His Highness the Maharaja, held at Bangalore on the* 16th August 1921. *19*

44. Subject. - Clause xiii of the schedule.

Request of Mr. V. Rangaswamy Iyengar, retired Director of Industries and Commerce for the grant of the special rate of pension.

OPINION OF THE COUNCIL.

There is no reason to give a special pension in this case. The pension due under the rules may be given.

(Signed) M. KANTARAJ URS,
Dewan of Mysore.

"EXTRACT"

Chief Secretary to Government.

WD 1471—GPB—2,000—1-8-21

C 56

(5

G. R. S. III-2)

General and Revenue Secretariat.

File No. of 19

Serial No.	
	Sent herewith an extract of the Council Resolution and a D.O. IV. Dated the 19/8/21 Demands)

NOTE—Contn. sheet.

(15

Submitted to His Highness.

Mr.V.Rangaswami Iyengar, Retired Director of Industries and Commerce has submitted a representation for the grant of an enhanced pension of Rs.6000 per annum.

He is not one of the officers included in Appendix A of the Mysore Service Regulations to whom this enhanced pension of Rs.6000 per annum is admissible.

The subject was considered in Council at the meeting held on the 16th instant and the Council are of opinion that there is no reason to give a special pension in this case and that Mr.Rangaswami Iyengar may be granted the pension due under the Rules.

The opinion of the Council may be graciously accepted.

V. Krishnamachar

20th May.
1921

(7

Record of Cases submitted for the Orders of His Highness the Maharaja

Subject.

Representation of Mr.V.Rangaswami Iyengar, Retired Director of Industries & Commerce for an enhanced pension of Rs.6000 per annum

187

Order.

~~KRW~~

25/8/21

Ch-4

26.8.21

C 57

183

G. R. S. III-2]

General and Revenue Secretariat. | CB File No. 56 of 1921-22.

Serial No.

31. All urgent or confidential files returned with His Highness' orders may, in the absence of instructions or indications to the contrary, be ordinarily circulated to the Members of Council for perusal after the issue of orders.

33. The Secretaries concerned should see that orders in the cases referred to above are issued at once and that the files are returned immediately after to the Chief Secretary for circulation to the Members.

34. In all other cases, the files will first be circulated to the Members of Council at headquarters and then sent to the Secretariat concerned for the issue of orders.

His Highness' orders $\frac{\text{before}}{\text{after}}$ issue of orders. (*Vide* Rules 31, 33 and 34 of the Subsidiary Rules for the conduct of business of Council in the Manual of Council Rules and Procedure.)

Chief Secretary to Govt.

Through the Secretary to Government,

.....Department.

FIRST MEMBER OF COUNCIL

SECOND MEMBER OF COUNCIL

THIRD MEMBER OF COUNCIL.

NOTE—Contn. sheet.

G. R. S. 12]

General and Revenue Secretariat.

CB File No. 56 of 191 21.

Serial No.	
2	To Mr V. Rangaswami Iyengar Rs Dt 9.9.21 No 1369 dt 3.9.21. With refce to sl 1. States that Govt regret that no spl allce pension can be granted as prayed for by him

NOTE—Contn. sheet.

GPB —70,000—17-12-15

CB. 183.

Enclosure: Copy of His Highness' letter dated the 27-9-1907 to the late Sir V.Bhashyam Iyengar.

Rangavilas, Seshadri Road,
Bangalore, dated the 16th July 1921.

CB. 56-21-1

From

V.Rangasamy Iyengar Esq., B.C.E.,
Retired Director of Industries and Commerce,
in Mysore, Bangalore.

GEN & REV. SECTT.
CB
18 JUL 1921

To

The Chief Secretary,
to the Government of Mysore, Bangalore.

Sir,

I have the honour to submit for the kind consideration of the Government this my humble memorial enclosing a copy of His Highness' letter dated the 27-9-1907 to my father, the late Sir V.Bhashyam Iyengar, for the grant of full pension of Rs 6000/- a year and in doing so I pray that they may graciously be pleased to consider my case favourably and sanction the same to me.

2. I entered the service of the State as an Assistant Engineer in August 1894 and previous to this, I had undergone a special training of 3 years in the Railway Workshops at Perambur and had acquired a thorough training in Mechanical Engineering. Besides this, I had also the unique fortune of being taken as an apprentice engineer under Sir Frances Spring and in that capacity had exceptional opportunities for acquiring practical knowledge in Civil Engineering as well, as I was employed in the construction of the Krishna and the Rushi Kulya bridges and in the Railway Survey from Madras to Guntur. I had, thus, prior to entering service in the State spent upwards of 6 years in acquiring practical knowledge which enabled me to take charge of important works from the very commencement.

3. I was at first posted to the charge of the Hessergatta Water Supply Range and within a couple of years of my entry into service, I was put in charge of a very important division viz., the Water Supply.

4. My work in connection with the various Water Supplies is well known to Government and throughout the period I was in charge, I was maintaining the machinery and works in tip-top condition without even a single break-down.

5. My connection with the Bangalore Water Supply dated almost from the commencement of the works and during the years, I was in charge nearly 30 to 40 lakhs of rupees were spent towards its construction, improvement and extensions and all the works were carried out under my direct supervision. I had a very difficult task when in the year 1898 plague first broke out in Bangalore and labour became very scarce owing to the panic and arrangements had to be made for the water-supply to the various camps. At considerable personal risk to myself, I was moving about these camps freely and supervised the works and saw to their timely completion and maintenance.

6. I might here add that the present telephone system owes its origin to the first plague of 1898 and without a trained staff and without previous experience I managed to rig up a system of telephones in the city and by sheer personal attention managed to maintain it in order.

7. The design and construction of the jewel filters at Yeswanthpur was carried out by me in record time. It was the first occasion in which ferro-concrete work on a large scale was taken up. It was a difficult undertaking as we were new to such works and the present

present condition of the work bears eloquent testimony to the success achieved.

8. In this connection it may be mentioned that with the exception of the filter fittings, engines and pumps, all the specials such as pipes, iron fittings etc., were made locally and erected by our own men under my guidance And the staff trained in these works continue to man the present pumping stations today are an asset to the State.

9. I may mention here that in connection with this water supply I was commended by the Government for "Meritorious Services" in Government Proceedings No. 159-66 dated 22-2-1898.

10. The Mysore Water Supply first came under my charge about the year 1896. At that time the old turbines were continuously breaking down and was a source of constant trouble and anxiety. I was at first deputed to inspect the work once a month and report on the condition of the machinery. This arrangement was found not satisfactory and later on the management of this water works was transferred to the Water Supply Division and has been there since. My connection with it also commences from that date and during the 20 years it was under my charge, the water supply to that city has been thoroughly overhauled and brought up-to-date. The old turbines were replaced by new ones which gave room to electro-motors later. A subsidiary steam plant was erected; and as in the case of the Bangalore Works the old sand filters were replaced with jewel filters. Extensive additions were carried out to the distribution system and special hydrants were erected for road watering. A new high level reservoir was constructed and a system of high pressure mains laid therefrom. All these were carried out very economically with our own staff and without outside help.

11. The Water Supply Scheme to the Kolar Gold Fields was designed and carried out by me without European Agency at a time when execution of such works was more or less foreign to Indian Engineers. The Jewel-Filter installation in connection with this Water Supply was the first of its kind in India and I am proud to say that this installation attracted the attention of the Water Supply Engineers outside so much so that I was asked to read a paper on Mechanical Filtration before the All India Sanitary Conference in the year 1912. These works were inspected by His Highness about the year 1907 who commended me personally on its excellence and a letter written by His Highness to my father at that time which speaks for itself and a copy of the same is herewith appended. As a commercial undertaking, this work has been a complete success from the beginning.

12. In the year 1903 there were heavy rains and the Bethamangala tank was breached in many places. The restoration of the breaches in one season constituted in itself a record work. Failure to restore it in one season would have meant serious loss to Government not to speak of much sufferings in the Gold Fields. In spite of the almost insurmountable difficulties the work was completed in time and the reservoir made ready to store up water during the next monsoon. It was the opinion of many an experience Irrigation Engineer that the closing of the breaches in one season was a hazardous task, but neverthless it was attempted and the bund has stood well.

13. The Water Supplies to the towns of Harihar, Shimoga, Davangere and the improvements of those of Kolar and Chitaldrug were designed and carried out by me and I may say without any exaggeration that most of our works are second to none in India.

14. In the execution of these works I employed no foreign agency but utilised our own resources in men and materials to the largest extent possible. I undertook to demonstrate what Indians can do unaided by European Agency when properly guided and I think I have succeeded in proving that they can do good work. What this meant in the shape of extra responsibility and anxiety to me can be realised only by those who have tried similar experiments. My aim throughout was to train as many men as possible and thus make our State independent of outside Agency. It is needless for me to state how far I have been successful in this. The men trained by me are now running all the pumping stations and carrying out all the works of water supply in the State. Quite a number of them are working as Mechanics in other departments also.

15. In the field of Mechanical Engineering, I may proudly claim to be the pioneer in the State. Previous to my joining the service there was no Mechanical Engineer in the State and the P.W.D. depended entirely on the Bombay Firms for its requirements. During the space of 27 years, I have strenously tried to bring about a change and I leave it to others to judge how well I have succeeded in my attempt.

16. To-day in our workshops we are independent of Bombay and during the last 10 to 15 years many lakhs of rupees worth of work was carried out locally, not to speak of repairs which were carried on so many occasions with lightning rapidity saving many a cricis in the Water Supply Installations. On working days as well as on holidays, mornings and evenings I devoted my time ungrudgingly to the development of the workshops as I was anxious that the Mysore State should take the lead in the development of Mechanical Engineering in India. Knowing

Knowing full well how difficult it was for Indian Engineers to get a chance in British India it was my fond dream that in this Model State, Indian Engineers should find an opportunity (humble though it may be at the outset) to acquire that practical training that they find so difficult to get in other parts. The very fact that other Governments are now following in our wake and establishing such workshops in their provinces clearly proves the soundness of the policy followed so far and although at present it might appear that the results so far achieved are not in proportion to the expenses incurred, time alone can prove the soundness of the policy so far adopted. When motor cars first appeared in the country there was hardly any one here who understood their mechanism. Suffice it to say that there was no repair which I was not able to tackle in our workshops and the men trained by me constitute the expert staff of the day.

17. I played no small part in the establishment of our Mechanical Engineering School and our Engineering College. Here again the underlying motive has been the spread of Mechanical Engineering in the State. This was all along my sole desire and all my end endeavours and actions were calculated to promote that end.

18. In collaboration with Sir M. Visvesvaraya, I was instrumental in introducing the scheme of technical education in the State. I was always much interested in it and although I took no active part in the management of the Industrial Schools in the State, I was ready with my advice whenever sought for. I was however more fortunate as regards the Chamarajendra Technical Institute, having been the President of the Managing Committee for 3 years and Government knows full well the interest I manifested in its development and how far I have been

been instrumental in bringing it to its present state.

19. Lastly, I took charge of the Department of the Industries and Commerce from Mr. (now Sir) Alfred Chatterton in the year 1916 and established the Soap Factory, the Metal Factory and Arts Workshop and the District Workshops. All these institutions are now thriving well and have been spoken of very highly by the visitors coming from all parts of India. I may unhesitatingly say that no Government Institution in other parts of India has attained the same amount of commercial success as ours. It is easy to initiate large scale laboratory experiments but to raise them to the level of a commercial undertaking and compete successfully with old and well established commercial concerns is no easy task and the success achieved by us in this direction speaks for itself.

20. At the time I got the control of the Industries Department the European War was in its full swing and I had to fight against innumerable difficulties in infusing industrial activities in the State. The number of private installations rose from 86 to 186. The work done by me in this connection has been commended by the Government in their review of the work of the Department for the year 1918-19, in which they say as follows:-

" Government are pleased to observe that the department has done useful work during the year and that it deserves credit for what has been achieved in the face of the difficulties that had to be contended against. <u>The thanks of Government are due to the Director Mr. V. Rangasamy Iyengar, for the initiative he has taken in several important directions and the interest he has shown in developing industries in the State.</u>"

21. I have thus far briefly mentioned my work as a Mechanical Engineer only.

22. In the field of Civil Engineering the Building and Irrigation Works carried out by me as Superintending Engineer from 1-4-1911 to 15-11-1916 are no less onerous and important. That period was one of great activity in the P.W.D. and during that time the following important works were either started or completed.

1. Honnali Bridge,
2. Marlawadi Tank,
3. Herigai Tank,
4. Physics Laboratory in Bangalore,
5. The New Public Offices in Bangalore,
6. Extensions to the old Public Offices in Bangalore,
7. Mechanical Engineering School and College in Bangalore,
8. Chamarajendra Technical Institute in Mysore,
9. Mysore Hospital in Mysore,
10. New Guest Quarters do.
11. European Guest Quarters do.
12. Representative Assembly Home do.
13. The New Bedroom Block do.
14. Extensions to the Maharaja's College do.
15. Extensions to the Hostel do.

and

16. Improvements to the Old Palace do.

Plans and estimates for many of these works were prepared during my time and all these works were under progress during my administration.

23. I may also add that I was in direct charge of the arrangement for the Water Supply to the Karapur Camp on the occasion of the visits of Lord Curzon and

and The Prince of Wales and during the visits of Lord Minto and Lord Hardinge, I was in charge of all the works in connection with the camp arrangements. Government are aware of the difficulties we had to overcome and how thoroughly they were carried out.

24. I was also deputed to design and carry out a Water Supply Scheme for His Highness' Palace at Fernhill. The present drainage scheme also was carried out under my supervision as Superintending Engineer, Southern Circle.

25. From the above it will be seen that I was from the commencement in charge of important original works in the State and my services were from the beginning practically that of an Executive Engineer and it may be said without any exaggeration whatsoever that the entire period of my service of 27 years has been one of strenuous hard and responsible work. I put my heart and soul into the work and never failed.

26. In view of the above, I pray that Government may be pleased to sanction to me the enhanced pension of Rs. 6000/- per annum.

27. It may be mentioned here that in consideration of the works done by them, Government were pleased to sanction such pension to the following officers:-

Messrs. C.T. Dalal, V.H. Karve, D. Sitarama Rao,
Y. Srinivasa Rao, B. Subba Rao and
K. Krishna Iyengar.

28. While they were all Civil Engineers I was both a Civil and Mechanical Engineer and I venture to state that the services I have rendered as a Civil Engineer are not in any way less valuable to the State; I have besides the additional claim of my activities as a

a pioneer in Mechanical Engineering, who has contributed so much to its development in this State. We can unhesitatingly claim to be far in advance of other States and even British India and no where have Indians been so much to the fore-front. I lived and worked to achieve this.

29. I beg that my application may be viewed favourably and orders passed sanctioning the enhanced pension.

I have the honour to be,

Sir,

Your most obedient servant,

V. Narayana Iyer

16/7/21

COPY OF MAHARAJA'S LETTER.

Mysore, 27-9-07.

Dear Sir, Bhashyam Iyengar,

It has given me much pleasure to receive your kind letter of the 21st of this month. I am indeed very highly pleased with the splendid work done by your son, Mr. Rangaswami Iyengar, in connection with the Betmangala Water Supply for which he is solely responsible from beginning to completion and which he yet supervises and maintains in a state of the highest efficiency. To me it is most gratifying that an Indian P.W.D. Officer of my service should have done it all, and I must congratulate you on being the happy father of such a talented son. From what I know of Mr. Rangaswami Iyengar and his work, both personally as well as officially, I have no reason to doubt that his career will be a most successful one. He is an officer of whom I do feel proud.

I had no idea whatever that you were so very ill when last at Bangalore. I am glad however to learn that you are now much improved and are feeling better.

I sincerely hope that before long you will quite recover and be your usual self once again.

With kind regards,

Believe me,

Yours sincerely,

Sd. KRISHNARAJA WADIYAR.

" True Copy",

M.

G. R. S. VI—G/32]

SUBJECT

Diary No. of letter replied to

General and Revenue Secretariat
( )
, *the* 191 .

Date of issue 8/9/21

Signed by K. Matthan

Section CB
File No. 56-21
Serial No 2

No. 1869/CB
& 3/9/21

To

V Ramaswamy Iyengar, Esq.
Retd Dy Collr &c

Sir,

With reference to your letter ~~No~~ dt. the 16th July 1921 requesting ~~for~~ the grant of an ~~increased~~ enhanced pension of Rs 6000 pa; I am directed to state that Govt regret that no such pension can be granted as prayed for

over.

Asst Secy

Approved
H 9/21